

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and (backflow\$4 or (back adj flow\$4)) and harmonic\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 13:59
L2	42	((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and (backflow\$4 or (back adj flow\$4)) and vibration\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:09
L3	26	((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and (backflow\$4 or (back adj flow\$4)) and vibration\$1 and (pulse\$1 or pulsing\$1 or pulsat\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:00
L4	23	((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and (backflow\$4 or (back adj flow\$4)) and vibration\$1 and (pulse\$1 or pulsing\$1 or pulsat\$6) and (compare\$1 or comparing or comparison\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:08
L5	23	((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and (backflow\$4 or (back adj flow\$4)) and vibration\$1 and (pulse\$1 or pulsing\$1 or pulsat\$6) and (compare\$1 or comparing or comparison\$1) and (ratio or ratios)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:09
L6	398	(702/56).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:10
L7	2	l6 and ((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:10
L8	279	(702/127).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:20

L9	1	I8 and ((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:13
L10	40	(73/861.351).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:13
L11	0	I10 and ((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:14
L12	2182	(73/116).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:15
L13	0	I11 and ((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:15
L14	244	(73/1.16).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:15
L15	2	I14 and ((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:15
L16	1226	(73/861).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:15
L17	6	I16 and ((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:16
L18	782	(73/118.2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:21

L19	204	I18 and ((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:16
L20	49	I18 and ((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and magnitude\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:22
L21	600	(702/108).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:20
L22	0	I21 and ((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and magnitude\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:20
L23	134	(702/113).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:20
L24	0	I23 and ((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and magnitude\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:21
L25	1929	(73/118.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:21
L26	43	I25 and ((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and magnitude\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 14:22
S1	85	"702"/\$.ccls. and ((mass near airflow\$3) or (mass near air near flow\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/23 17:26
S2	14	"702"/\$.ccls. and ((mass near airflow\$3) or (mass near air near flow\$3)) and duct\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/23 17:29

S3	14	"702"/\$.ccls. and ((mass near airflow\$3) or (mass near air near flow\$3)) and (duct\$1 or airduct\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/23 17:26
S4	24	"702"/\$.ccls. and ((mass near airflow\$3) or (mass near air near flow\$3)) and magnitude\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/23 17:33
S5	25	"702"/\$.ccls. and ((mass near airflow\$3) or (mass near2 air near2 flow\$3)) and magnitude\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/23 17:42
S6	0	"702"/\$.ccls. and (air near flowmeter\$1) and magnitude\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/23 17:43
S7	22	"702"/\$.ccls. and (air with flowmeter\$1) and magnitude\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 06:59
S8	25	"702"/\$.ccls. and ((mass near airflow\$3) or (mass near2 air near2 flow\$3)) and magnitude\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 06:59
S9	22	"702"/\$.ccls. and (air with flowmeter\$1) and magnitude\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 07:30
S10	43	S8 or S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 06:59
S11	1652	((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1)) and magnitude\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 07:31
S12	1405	((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and magnitude\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 07:31

S13	464	((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and magnitude\$1 and (magnitude\$1 with (airflow\$4 or air))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 07:32
S14	172	((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and magnitude\$1 and (magnitude\$1 with (airflow\$4 or air)) and (duct\$1 or airduct\$1 or conduit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 07:38
S16	232	((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and magnitude\$1 and (magnitude\$1 with (airflow\$4 or air)) and (duct\$1 or airduct\$1 or conduit\$4 or pipe or pipes)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 09:24
S17	78	((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and magnitude\$1 and (magnitude\$1 with (airflow\$4 or air)) and (duct\$1 or airduct\$1 or conduit\$4 or pipe or pipes) and (((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) same magnitude\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 07:58
S18	46	((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and magnitude\$1 and (magnitude\$1 with (airflow\$4 or air)) and (duct\$1 or airduct\$1 or conduit\$4 or pipe or pipes) and (((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) same magnitude\$1) and (convert\$5 or conversion\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 09:00
S19	1	FRIE-WERNE	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 08:51
S20	17	FRIE-WERNER	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 08:51

S21	1	FRIE-WERNER-DR	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 08:52
S22	2	FRIE-WERNER-RUDOLF	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 08:52
S23	3	HABERER-CHRISTOPH	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 08:52
S24	1	LIEDERER-HARALD	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 08:52
S25	19	"6098602"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 09:00
S26	92	((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and magnitude\$1 and (magnitude\$1 with (airflow\$4 or air)) and (duct\$1 or airduct\$1 or conduit\$4 or pipe or pipes) and ((convert\$5 or conversion\$1) with (signal\$1 or output\$2 or output\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 09:26
S27	99	((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) and magnitude\$1 and (magnitude\$1 with (airflow\$4 or air)) and (duct\$1 or airduct\$1 or conduit\$4 or pipe or pipes) and ((convert\$5 or conversion\$1) with (signal\$1 or output\$2 or output\$2 or value\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 10:33
S28	153	((((mass near airflow\$3) or (mass near2 air near2 flow\$3) or (air with flowmeter\$1 with mass)) with ((convert\$5 or conversion\$1) with (signal\$1 or output\$2 or output\$2 or value\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/24 13:57

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PLUS Search Results for S/N 10627992, Searched February 24, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10627992 on February 24, 2005

Original Classifications

6	73/118.2
5	73/204.26
3	73/204.21
3	123/520
2	73/204.27

Cross-Reference Classifications

3	73/204.26
2	60/307
2	73/1.34
2	73/115
2	73/118.2
2	73/202
2	123/674
2	123/698

Combined Classifications

8	73/118.2
8	73/204.26
3	73/202
3	73/204.21
3	123/520
2	60/307
2	73/1.34
2	73/115
2	73/117.3
2	73/204.27
2	123/674
2	123/698
2	216/2
2	701/103

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10627992 on February 24, 2005

- 8 73/118.2 (6 OR, 2 XR)  
Class 073 : MEASURING AND TESTING  
73/116 MOTOR AND ENGINE TESTING  
73/118.1 .Testing auxiliary unit  
73/118.2 ..Intake air flow
- 8 73/204.26 (5 OR, 3 XR)  
Class 073 : MEASURING AND TESTING  
73/861 VOLUME OR RATE OF FLOW  
73/204.11 .Thermal type  
73/204.23 ..Having particular electrical heating,  
cooling, or thermal sensing element  
73/204.25 ...Resistive element  
73/204.26 ....With substrate carrier (e.g., thin film)
- 3 73/202 (1 OR, 2 XR)  
Class 073 : MEASURING AND TESTING  
73/861 VOLUME OR RATE OF FLOW  
73/202 .Proportional
- 3 73/204.21 (3 OR, 0 XR)  
Class 073 : MEASURING AND TESTING  
73/861 VOLUME OR RATE OF FLOW  
73/204.11 .Thermal type  
73/204.21 ..With fluid flow deflector or restrictor  
(e.g., baffle, constriction)
- 3 123/520 (3 OR, 0 XR)  
Class 123 : INTERNAL-COMBUSTION ENGINES  
123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL)  
123/518 .Having fuel vapor recovery and storage system  
123/519 ..Having an adsorbent canister  
123/520 ...Purge valve controlled by engine parameter
- 2 60/307 (0 OR, 2 XR)  
Class 060 : POWER PLANTS  
60/272 INTERNAL COMBUSTION ENGINE WITH TREATMENT OR  
HANDLING OF EXHAUST GAS  
60/282 .By means producing a chemical reaction of a  
component of the exhaust gas  
60/307 ..Pressurizing means feeds reactive air to  
reactor
- 2 73/1.34 (0 OR, 2 XR)  
Class 073 : MEASURING AND TESTING  
73/1.01 INSTRUMENT PROVING OR CALIBRATING  
73/1.16 .Volume of flow, speed of flow, volume rate of  
flow, or mass rate of flow  
73/1.34 ..With signal processing, span or set point  
adjustment (e.g., zero correction)
- 2 73/115 (0 OR, 2 XR)  
Class 073 : MEASURING AND TESTING  
73/112 POWER PLANT OR UNIT EFFICIENCY  
73/115 .Pressure derivative

- 2 73/117.3 (1 OR, 1 XR)  
 Class 073 : MEASURING AND TESTING  
 73/116 MOTOR AND ENGINE TESTING  
 73/117.2 .Disparate tests under operating conditions  
 73/117.3 ..With continuous operation
- 2 73/204.27 (2 OR, 0 XR)  
 Class 073 : MEASURING AND TESTING  
 73/861 VOLUME OR RATE OF FLOW  
 73/204.11 .Thermal type  
 73/204.23 ..Having particular electrical heating,  
 cooling, or thermal sensing element  
 73/204.25 ...Resistive element  
 73/204.27 ....Wire type (e.g., hot wire)
- 2 123/674 (0 OR, 2 XR)  
 Class 123 : INTERNAL-COMBUSTION ENGINES  
 123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL)  
 123/672 .Including exhaust gas condition responsive  
 means  
 123/674 ..With modifying or updating memory (i.e.,  
 learning)
- 2 123/698 (0 OR, 2 XR)  
 Class 123 : INTERNAL-COMBUSTION ENGINES  
 123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL)  
 123/672 .Including exhaust gas condition responsive  
 means  
 123/698 ..With addition of secondary fluid (e.g., fuel  
 or exhaust gas)
- 2 216/2 (1 OR, 1 XR)  
 Class 216 : ETCHING A SUBSTRATE: PROCESSES  
 216/2 ETCHING OF SEMICONDUCTOR MATERIAL TO PRODUCE AN  
 ARTICLE HAVING A NONELECTRICAL FUNCTION
- 2 701/103 (1 OR, 1 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/99 .with indicator or control of power plant  
 (e.g., performance)  
 701/101 ..Internal-combustion engine  
 701/102 ...Digital or programmed data processor  
 701/103 ....Control of air/fuel ratio or fuel injection

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